

Constituent	Sediment Concentration (mg/kg dry weight)	KIF-ERM.VB.3_H.H-RA-111609 [mean] (Upstream)									
		<i>C. fluminea</i> Concentrations (mg/kg wet weight) TREATED					Bioaccumulation Factors (BAFs) TREATED				
		CB.W.C.01-MS	CB.W.C.02-MS	CB.W.C.03-MS	CB.W.C.04-MS	CB.W.C.05-MS	CB.W.C.01-MS	CB.W.C.02-MS	CB.W.C.03-MS	CB.W.C.04-MS	CB.W.C.05-MS
Aluminum	16,522	ND	ND	1.1	ND	ND	NA	NA	0.0000666	NA	NA
Antimony	14.1	0.095	0.025	0.03	0.026	0.026	0.00676	0.00178	0.00213	0.00185	0.00185
Arsenic	82	0.36	0.41	0.45	0.28	0.31	0.00437	0.00498	0.00546	0.0034	0.00376
Barium	421	0.66	0.71	0.95	0.84	0.57	0.00157	0.00169	0.00226	0.00199	0.00135
Beryllium	3.2	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Boron	60.7	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Cadmium	1.41	0.046	0.044	0.066	0.035	0.05	0.0327	0.0313	0.047	0.0249	0.0356
Calcium	6,476	214	303	261	127	158	0.033	0.0468	0.0403	0.0196	0.0244
Chromium	39.3	0.23	0.25	0.3	0.23	0.19	0.00585	0.00636	0.00763	0.00585	0.00483
Cobalt	11.6	0.064	0.073	0.088	0.054	0.058	0.00552	0.0063	0.00759	0.00466	0.005
Copper	46.3	3.3	3.9	4.3	3	3	0.0713	0.0843	0.093	0.0649	0.0649
Iron	19,733	20.8	28.4	29.7	20.6	19.1	0.00105	0.00144	0.00151	0.00104	0.000968
Lead	18.3	0.029	0.038	0.052	0.029	0.034	0.00158	0.00207	0.00284	0.00158	0.00185
Magnesium	1,666	75.2	81.1	87.9	55.5	65.2	0.0452	0.0487	0.0528	0.0333	0.0391
Manganese	89	1.2	1.5	1.9	1	1.4	0.0135	0.0169	0.0214	0.0112	0.0157
Mercury	0.14	0.0099	0.009	0.0094	0.0078	0.0069	0.0709	0.0644	0.0673	0.0558	0.0494
Molybdenum	4.3	0.096	0.11	0.12	0.079	0.078	0.0225	0.0258	0.0282	0.0185	0.0183
Nickel	29.2	0.071	0.065	0.082	0.066	0.075	0.00243	0.00222	0.00281	0.00226	0.00257
Potassium	2,332	106	83.3	84.9	52.6	73.2	0.0455	0.0357	0.0364	0.0226	0.0314
Selenium	6.0	0.29	0.33	0.37	0.25	0.25	0.0482	0.0549	0.0615	0.0416	0.0416
Silver	1.41	0.0042	0.0052	0.0051	0.0029	ND	0.00299	0.0037	0.00363	0.00206	NA
Sodium	442.78	225	189	204	129	188	0.508	0.427	0.461	0.291	0.425
Strontium	NA	0.82	1.1	1	0.57	0.68	NA	NA	NA	NA	NA
Thallium	2.81	0.037	0.044	0.045	0.017	0.027	0.0132	0.0157	0.016	0.00606	0.00962
Vanadium	77.6	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Zinc	43.2	10	10.2	11.6	7.7	8.2	0.231	0.236	0.268	0.178	0.19

Note: Sediment concentrations were the mean concentrations for VB.3, treated ash.

BAF - Bioaccumulation Factor [kg body weight (wet weight) / kg sediment (dry weight)].

ND - Not detected above the sample quantitation limit.

NA - Not applicable; a BAF is not calculated if sediment concentrations or bioaccumulation concentrations are ND.